

**REDUCING INTERFERENCE IN HIGH SPEED HOME
NETWORK USING SIGNAL PROCESSING**

ABSTRACT OF THE DISCLOSURE

[0088] A method includes receiving a plurality of signal inputs from a plurality of antenna elements, determining a signal strength of the plurality of signal inputs, receiving a selection of a reduced power consumption and determining a combination of the plurality of signal inputs to combine in a combined signal, the combination having a number of signal inputs that is less than all of the plurality of signal inputs.

10331546.doc